

LISTING OF THE CLAIMS:

Claim 1 (Currently Amended): An anti-glare and anti-reflection film comprising a transparent support having thereon, an anti-glare layer and at least one low refractive index layer superposed in this order, wherein an average mirror reflectance at an incidence of 5 degrees in the wavelength region of 450 nm to 650 nm is 1.2% or less, wherein the low refractive index layer comprises a cured product of a fluorine-containing resin cross-linkable by heat or ionization radiation.

Claim 2 (Original): The anti-glare and anti-reflection film as claimed in claim 1, wherein an average integral reflectance at an incidence of 5 degrees in the wavelength region of 450 nm to 650 nm is 2.5% or less.

Claim 3 (Original): The anti-glare and anti-reflection film as claimed in claim 1, wherein the coloration of a light regularly reflected to a light incident at an angle of 5 degrees from a CIE standard light source D₆₅ in the wavelength region of 380 nm to 780 nm is a coloration in which L*, a*, and b* values of the CIE 1976 L*a*b* color space each satisfy the following formulas:

$$L^* \leq 10, \quad 0 \leq a^* \leq 2, \quad -5 \leq b^* \leq 2.$$

Claim 4 (Currently Amended): The anti-glare and anti-reflection film as claimed in claim 1, wherein the overall haze of said anti-glare and anti-reflection film is from 3.0% to 20.0%.

Claim 5 (Original): The anti-glare and anti-reflection film as claimed in claim 4, wherein the overall haze value is in the range of 5 to 15%.

Claim 6 (Canceled)

Claim 7 (Currently Amended): The anti-glare and anti-reflection film as claimed in claim 6 1, wherein a coefficient of kinetic friction of the low refractive index layer composed of said cured product of the fluorine-containing resin is in the range of 0.03 to 0.15, and a contact angle with a water is in the range of 90° to 120°.

Claim 8 (Currently Amended): The anti-glare and anti-reflection film as claimed in claim 1, wherein said low refractive index layer has a refractive index of 1.38 to 1.49.

Claim 9 (Original): The anti-glare and anti-reflection film as claimed in claim 1, wherein said anti-glare layer is composed of a polymer cross-linked by ionization radiation.

Claim 10 (Original): The anti-glare and anti-reflection film as claimed in claim 1, wherein said anti-glare layer contains particles having an average particle size of from 0.3 μm to 10.0 μm .

Claim 11 (Original): The anti-glare and anti-reflection film as claimed in claim 1, wherein said particles contained in the anti-glare layer are spherical organic macromolecular particles.

Claim 12 (Original): The anti-glare and anti-reflection film as claimed in claim 1, wherein a refractive index of said anti-glare layer is in the range of 1.57 to 2.00.

Claim 13 (Original): The anti-glare and anti-reflection film as claimed in claim 1, wherein said anti-glare layer is formed from a monomer having at least two ethylenically unsaturated groups, and an oxide of at least one metal selected from the group consisting of titanium, aluminum, indium, zinc, tin, antimony and zirconium having a particle size of 0.1 μm or less.

Claim 14 (Original): The anti-glare and anti-reflection film as claimed in claim 1, wherein the low refractive index layer contains inorganic fine particles having an average particle size from 0.001 μm to 0.1 μm .

Claim 15 (Original): The anti-glare and anti-reflection film as claimed in claim 1, wherein the low refractive index layer contains silicon oxide particles as inorganic fine particles.

Claim 16 (Original): The anti-glare and anti-reflection film as claimed in claim 1, wherein the low refractive index layer is composed of a cured product of a polymer obtainable by polymerization of a fluorine-containing vinyl monomer.

Claim 17 (Original): The anti-glare and anti-reflection film as claimed in claim 1, wherein said anti-glare and anti-reflection film has the value of optical contact index ranging from 15% to 65% at the wavelength of 0.5 μm , under applied load conditions of 1.57 MPa.

Claim 18 (Currently Amended): The anti-glare and anti-reflection film as claimed in claim 1, wherein said anti-glare and anti-reflection film has the value of clearness of the transmitted image ranging from 30% to 70%, said value being measured by means of an instrument for measuring image ~~clarify~~ clarity, using an optical wedge of 0.5 mm in width.

Claim 19 (Original): A polarizing plate comprising a polarizing layer and two protective films therefor, at least one of said protective films being the anti-glare and anti-reflection film as claimed in claim 1.

Claim 20 (Original): An image display device comprising a display component, wherein the anti-glare and anti-reflection film as claimed in claim 1 is disposed as the outermost surface layer at the display side.

Claim 21 (Original): The image display device as claimed in Claim 20, which is a liquid crystal display device.

Claim 22 (Original): An image display device comprising a display component, wherein an anti-reflection layer of the anti-glare and anti-reflection polarizing plate as claimed in claim 19 is disposed as the outermost surface layer at the display side.

Claim 23 (Original): The image display device as claimed in Claim 22, which is a liquid crystal display device.

Claim 24 (New): The anti-glare and anti-reflection film as claimed in Claim 1, wherein the fluorine-containing resin cross-linkable by heat or ionization radiation comprises a silane compound containing a perfluoroalkyl group.

Claim 25 (New): The anti-glare and anti-reflection film as claimed in Claim 1, wherein the fluorine-containing resin cross-linkable by heat or ionization radiation comprises a fluorine-containing co-polymer formed with a monomer for giving a cross-linkable functional group and a fluorine-containing monomer.

Claim 26 (New): An anti-glare and anti-reflection film comprising a transparent support having thereon, an anti-glare layer and at least one low refractive index layer superposed in this order, wherein an average mirror reflectance at an incidence of 5 degrees in the wavelength region

of 450 nm to 650 nm is 1.2% or less, wherein the low refractive index layer contains inorganic fine particles having an average particle size from 0.001 μm to 0.1 μm .

Claim 27 (New): An anti-glare and anti-reflection film comprising a transparent support having thereon, an anti-glare layer and at least one low refractive index layer superposed in this order, wherein an average mirror reflectance at an incidence of 5 degrees in the wavelength region of 450 nm to 650 nm is 1.2% or less, wherein the low refractive index layer contains silicon oxide particles as inorganic fine particles.